



Patent
Attorney's Docket No. 030681-297

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Eun-hwa HONG et al.) Group Art Unit: 1754
Application No.: 09/842,714) Examiner: Peter J. Lish
Filed: April 27, 2001) Confirmation No.: 7444
For: **METHOD OF SYNTHESIZING**)
CARBON NANOTUBES AND)
APPARATUS USED FOR THE)
SAME)

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In reply to the Office Action dated December 4, 2002, kindly amend the above-captioned application as follows.

IN THE CLAIMS:

Kindly replace claims 1, 12, 16 and 24 as follows:

- [Handwritten signature]*
of:
1. (Amended) A method of synthesizing carbon nanotubes, comprising the steps of:
introducing a catalyst in a reactor on a support structure that is not necessarily tolerant of a reaction temperature of the catalyst;
supplying a reactant gas containing a carbon source gas over the catalyst;
selectively and locally heating the catalyst in the reactor, without necessarily heating anything else, to the reaction catalyst temperature; and